

**AD-SPRAY 101**

Helena Chemical Company  
 PH: 901-761-0050  
**CHEMTREC:** 800-424-9300  
**Effective Date:** 14-FEB-2006  
**Product:** AD-SPRAY 101

**I. IDENTIFICATION**

**Chemical Name:** SURFACTANT BLEND  
**Chemical Family:** SURFACTANTS  
**Formula:** NOT APPLICABLE, FORMULATED MIXTURE.  
**Synonyms:** NONIONIC SURFACTANT  
**CAS Number:** NOT APPLICABLE, FORMULATED MIXTURE.  
**EPA Number:** NONE REQUIRED

**II. PHYSICAL DATA**

**Boiling Point:** >200 DEGREES F.  
**Freezing Point:** <35 DEGREES F.  
**Spec Gravity:** 1.020 GMS/CC  
**Vapor Pressure:** NOT ESTABLISHED  
**Vapor Density:** NOT ESTABLISHED  
**Solubility:** 100%  
**Volatiles:** <1%  
**Evaporation:** NOT APPLICABLE  
**Melting Point:** NOT APPLICABLE  
**Appearance:** COLORLESS LIQUID, WITH LOW ODOR.

**III. INGREDIENTS**

Material	CAS Number	Percent	TLV	Hazard
ARYL ALKYL POLYALKOXYLATED GLYCOLS AND DERIVATIVES THEREOF		23.60	NOT ESTABLISHED	MILD SKIN & EYE IRRITANT
INERT INGREDIENTS		76.40	NOT APPLICABLE	NONHAZARDOUS

**IV. FIRE AND EXPLOSION HAZARD**

**Flash Point:** >200 DEGS F. (PMCC)  
**Autoignition Temp:** NOT APPLICABLE  
**Flammable Limit:** NOT APPLICABLE  
**Extinguishing Media:** DRY CHEMICAL, WATERSPRAY, WATERFOG, CARBON DIOXIDE, OR FOAM.  
**Special Fire Fight Proc:** WEAR SELF-CONTAINED BREATHING APPARATUS AND AVOID BREATHING FUMES. WATER SPRAY MAY BE INEFFECTIVE.  
**Fire and Expl Hazard:** NONE CURRENTLY KNOWN.

**V. HEALTH HAZARD**

**Carcinogen Information:** NOT LISTED  
**ACUTE EFFECTS OF OVER EXPOSURE**  
**Swallowing:** NO DATA CURRENTLY AVAILABLE.  
**Skin Absorption:** NO DATA CURRENTLY AVAILABLE.  
**Inhalation:** NO DATA CURRENTLY AVAILABLE.  
**Skin contact:** PROLONGED SKIN CONTACT MAY CAUSE MILD IRRITATION.  
**Eye Contact:** DIRECT EYE CONTACT WITH LIQUID MAY CAUSE IRRITATION.  
**Chronic Effects:** NO DATA AVAILABLE  
**Other Hazard:** NO DATA AVAILABLE

**EMERGENCY AND FIRST AID PROCEDURES**

**Swallowing:** GIVE 2 TO 4 GLASSES OF WATER AND INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.  
**Skin:** WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
**Inhalation:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.  
**Eyes:** FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.  
**Notes to Physician:** IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT SHOULD BE

DIRECTED TOWARD CONTROL OF THE SYMPTOMS.

**VI. REACTIVITY**

**Stability:** Stable  
**Conditions to Avoid:** EXCESSIVE TEMPERATURES AND OPEN FLAMES.  
**Polymerization:** Will Not Occur  
**Conditions to Avoid:** NONE CURRENTLY KNOWN.  
**Incompatibility material:** STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE, AND CHROMIC ACID.  
**Hazardous Combustion:** CARBON DIOXIDE AND CARBON MONOXIDE UNDER FIRE CONDITIONS.

**VII. SPILL OR LEAK PROCEDURES**

**Spill or Leak Proc:** DIKE AND ABSORB SPILL WITH AN ABSORBENT SUCH AS CLAY, SAND, OR SAWDUST. TRANSFER TO SUITABLE CONTAINERS FOR PROPER DISPOSAL. FLUSH SPILL AREA WITH WATER, ABSORB AND PLACE IN SAME CONTAINERS WITH OTHER MATERIAL.  
**Waste Disposal Method:** THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.

**VIII. SPECIAL PROTECTION INFORMATION**

**Respiration:** IF SPRAY IS PRESENT, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.  
**Ventilation:** LOCAL EXHAUST SUFFICIENT  
**Gloves:** IMPERVIOUS  
**Eyes:** CHEMICAL WORKERS GOGGLES.  
**Other:** EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

**IX. SPECIAL PRECAUTIONS**

**Special precaution:** KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED OR CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS. KEEP CONTAINERS TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS OR FLAMES. STORE BETWEEN 40 DEGREES F AND 120 DEGREES F.  
**Other precaution:** THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

**X. SHIPPING INFORMATION**

**Shipping name:** NOT REGULATED BY DOT, IATA, OR IMDG.  
**Hazard Class:** NONE  
**Identification No:** NONE  
**Labels Required:** NONE  
**Placarding:** NONE  
**Freight Class:** ADJUVANT, SPREADER OR STICKER, LIQUID, NOIBN

Chemical Name	Equivalent R.Q.
NOT APPLICABLE	NOT APPLICABLE

**XI. GENERAL PRODUCT INFORMATION**

**National Fire Protection Association Rating:**  
 (Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)  
**Health:** 1  
**Fire:** 1  
**Reactivity:** 0  
**S.A.R.A. Title III Hazard Classification:** (Yes/No)  
**Immediate (Acute) Health:** Y  
**Delayed (Chronic) Health:** N  
**Sudden Release of pressure:** N  
**Fire:** N  
**Reactive:** N

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